FIG. 1

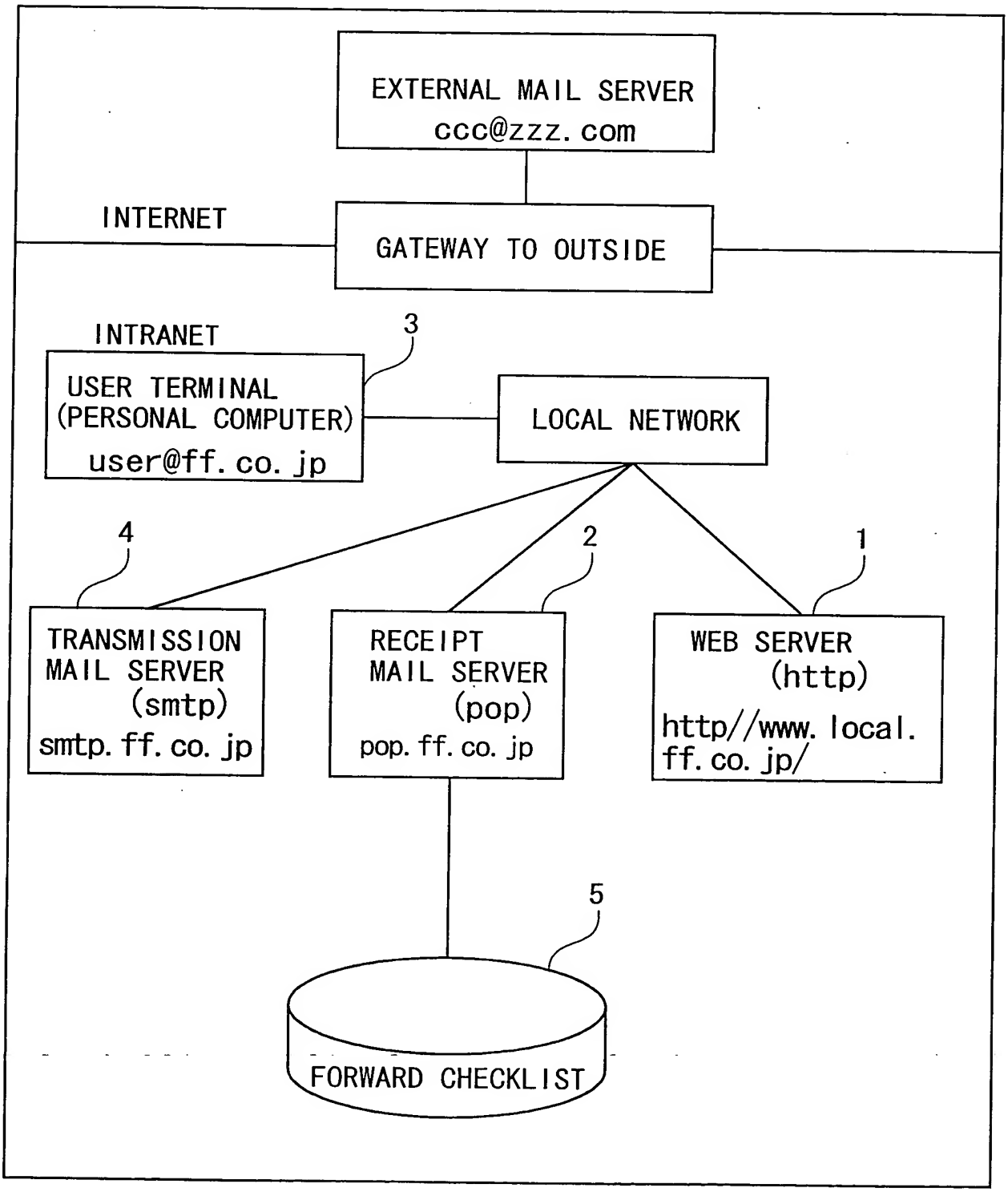

EXTERNAL MAIL SERVER
ccc@zzz.com
INTERNET
GATEWAY TO OUTSIDE
INTRANET
3
USER TERMINAL
(PERSONAL COMPUTER)
user@ff.co.jp
LOCAL NETWORK
4
2
1
TRANSMISSION
MAIL SERVER
(smtp)
smtp.ff.co.jp
RECEIPT
MAIL SERVER
(pop)
pop.ff.co.jp
WEB SERVER
(http)
http//www.local.
ff.co.jp/
5
FORWARD CHECKLIST

FIG.2

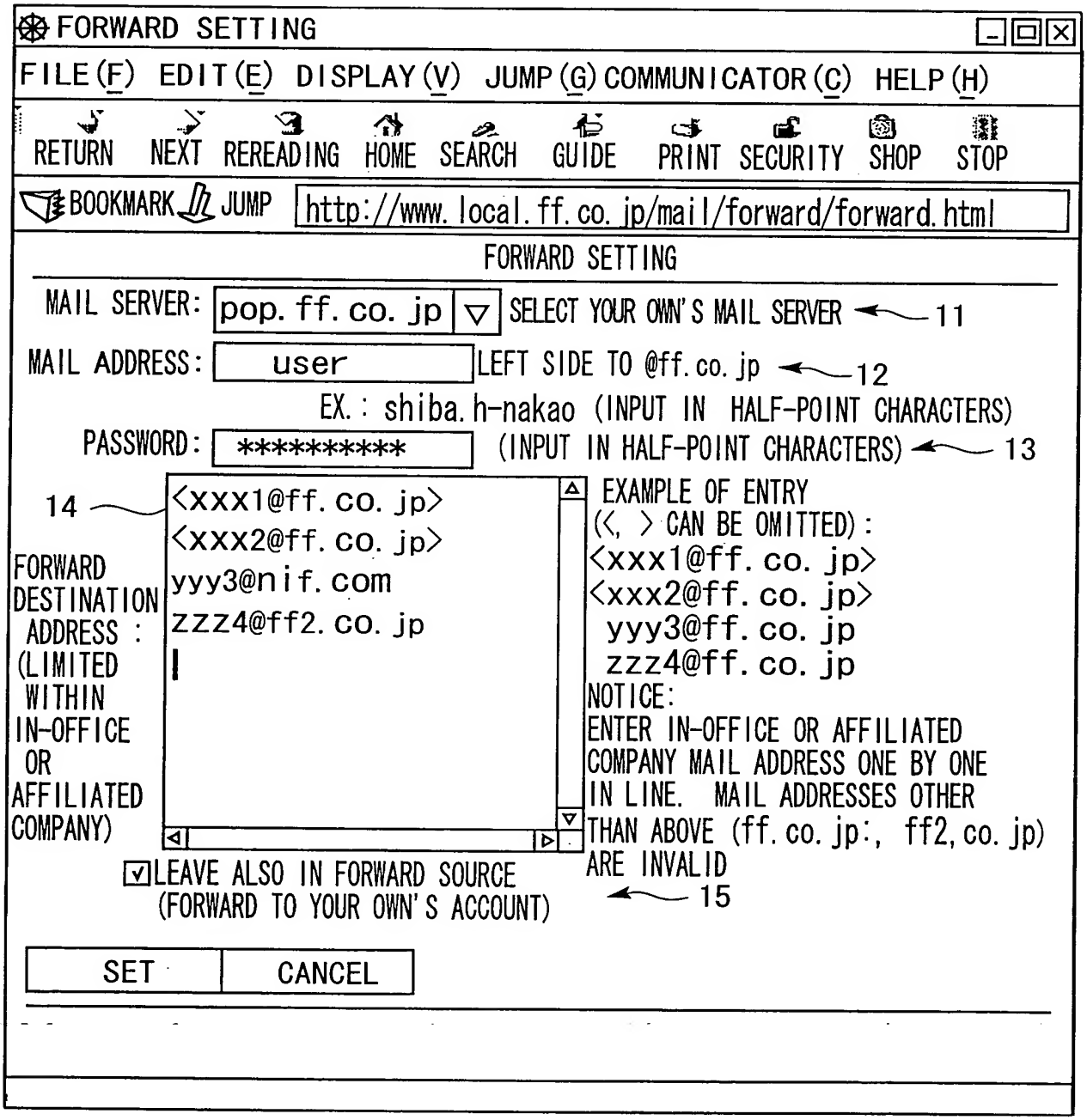

FORWARD SETTING
FILE(F) EDIT(E) DISPLAY(V) JUMP(G) COMMUNICATOR(C) HELP(H)
RETURN NEXT REREADING HOME SEARCH GUIDE PRINT SECURITY SHOP STOP
BOOKMARK JUMP
http://www.local.ff.co.jp/mail/forward/forward.html
FORWARD SETTING
MAIL SERVER:
pop.ff.co.jp
SELECT YOUR OWN'S MAIL SERVER
11
MAIL ADDRESS:
user
LEFT SIDE TO @ff.co.jp
12
EX.: shiba.h-nakao (INPUT IN HALF-POINT CHARACTERS)
PASSWORD:
****
(INPUT IN HALF-POINT CHARACTERS)
13
14
<xxx1@ff.co.jp>
<xxx2@ff.co.jp>
yyy3@nif.com
zzz4@ff2.co.jp
FORWARD DESTINATION ADDRESS : (LIMITED WITHIN IN-OFFICE OR AFFILIATED COMPANY)
EXAMPLE OF ENTRY (<, > CAN BE OMITTED):
<xxx1@ff.co.jp>
<xxx2@ff.co.jp>
yyy3@ff.co.jp
zzz4@ff.co.jp
NOTICE:
ENTER IN-OFFICE OR AFFILIATED COMPANY MAIL ADDRESS ONE BY ONE IN LINE. MAIL ADDRESSES OTHER THAN ABOVE (ff.co.jp:, ff2,co.jp) ARE INVALID
15
LEAVE ALSO IN FORWARD SOURCE (FORWARD TO YOUR OWN'S ACCOUNT)
SET
CANCEL

FIG.3

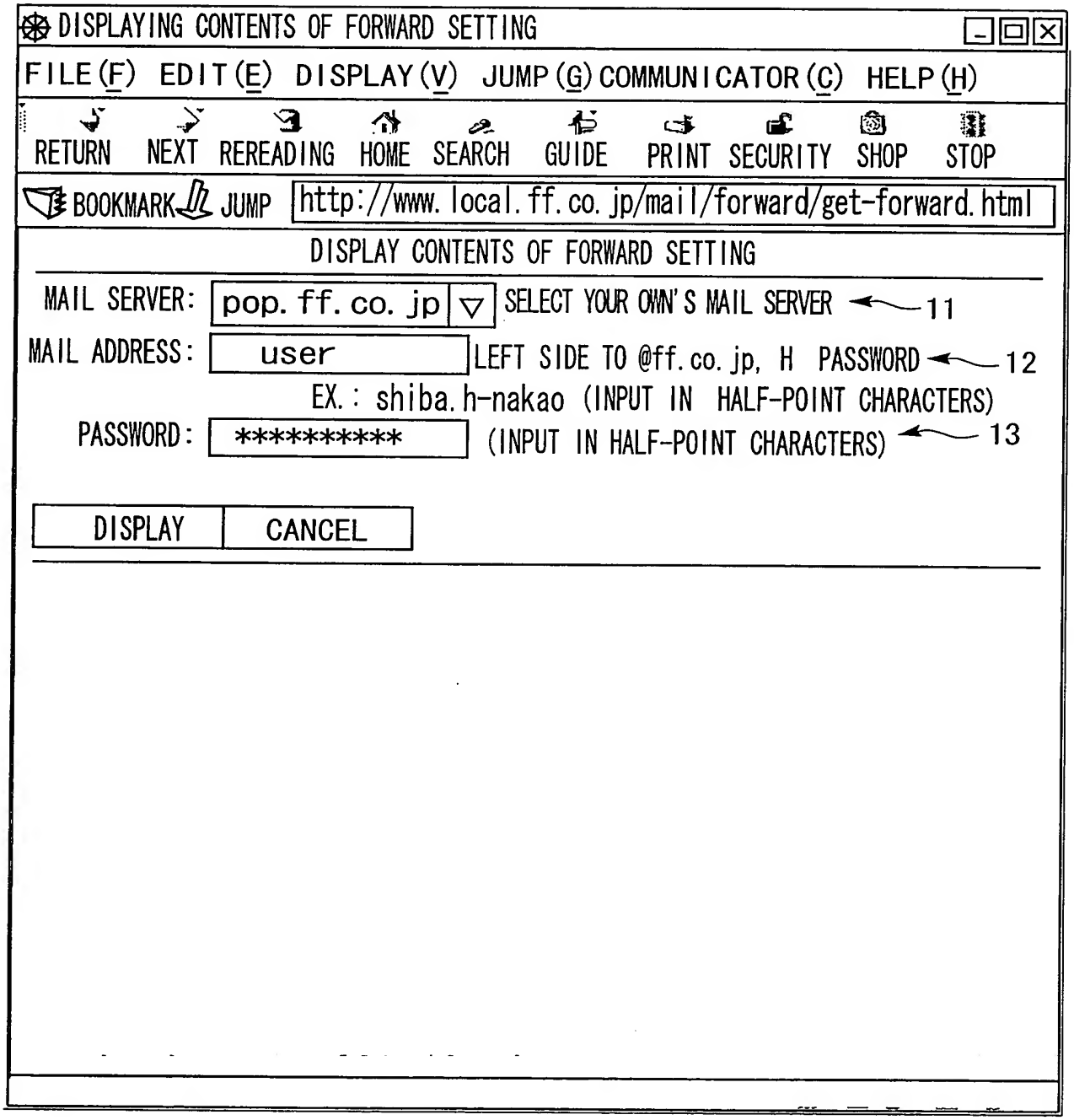

DISPLAYING CONTENTS OF FORWARD SETTING
FILE(F) EDIT(E) DISPLAY(V) JUMP(G) COMMUNICATOR(C) HELP(H)
RETURN NEXT REREADING HOME SEARCH GUIDE PRINT SECURITY SHOP STOP
BOOKMARK JUMP
http://www.local.ff.co.jp/mail/forward/get-forward.html
DISPLAY CONTENTS OF FORWARD SETTING
MAIL SERVER: pop.ff.co.jp
SELECT YOUR OWN'S MAIL SERVER
11
MAIL ADDRESS: user
LEFT SIDE TO @ff.co.jp, H PASSWORD
12
EX.: shiba.h-nakao (INPUT IN HALF-POINT CHARACTERS)
PASSWORD: **********
(INPUT IN HALF-POINT CHARACTERS)
13
DISPLAY
CANCEL

FIG.4

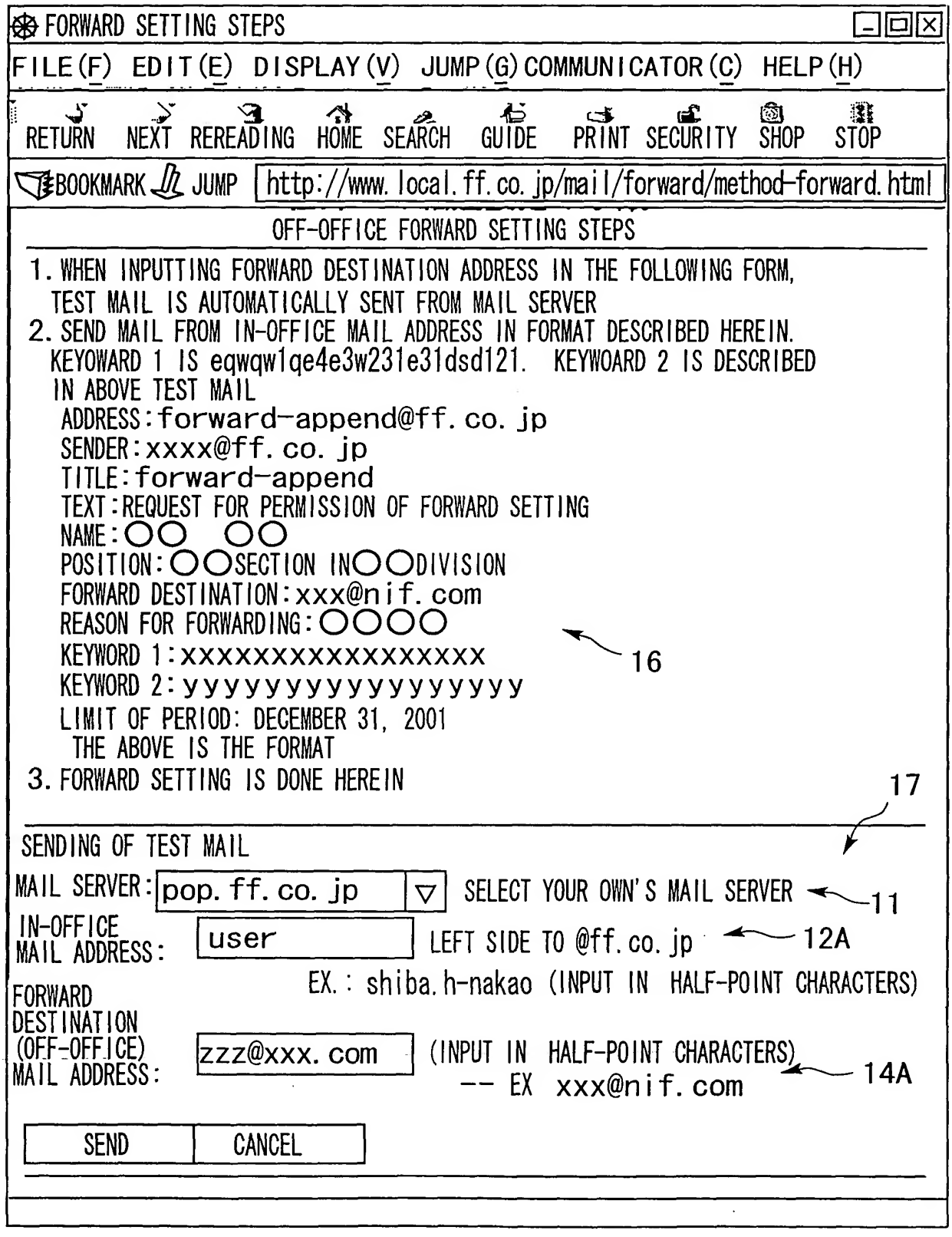

FORWARD SETTING STEPS
FILE(F) EDIT(E) DISPLAY(V) JUMP(G) COMMUNICATOR(C) HELP(H)
RETURN NEXT REREADING HOME SEARCH GUIDE PRINT SECURITY SHOP STOP
BOOKMARK JUMP
http://www.local.ff.co.jp/mail/forward/method-forward.html
OFF-OFFICE FORWARD SETTING STEPS
1. WHEN INPUTTING FORWARD DESTINATION ADDRESS IN THE FOLLOWING FORM, TEST MAIL IS AUTOMATICALLY SENT FROM MAIL SERVER
2. SEND MAIL FROM IN-OFFICE MAIL ADDRESS IN FORMAT DESCRIBED HEREIN. KEYOWARD 1 IS eqwqw1qe4e3w231e31dsd121. KEYWOARD 2 IS DESCRIBED IN ABOVE TEST MAIL
ADDRESS:forward-append@ff.co.jp
SENDER:xxxx@ff.co.jp
TITLE:forward-append
TEXT:REQUEST FOR PERMISSION OF FORWARD SETTING
NAME:○○ ○○
POSITION:○○SECTION IN○○DIVISION
FORWARD DESTINATION:xxx@nif.com
REASON FOR FORWARDING:○○○○
KEYWORD 1:xxxxxxxxxxxxxxxx
KEYWORD 2:yyyyyyyyyyyyyyyy
LIMIT OF PERIOD: DECEMBER 31, 2001
THE ABOVE IS THE FORMAT
3. FORWARD SETTING IS DONE HEREIN
16
17
SENDING OF TEST MAIL
MAIL SERVER: pop.ff.co.jp
SELECT YOUR OWN'S MAIL SERVER
11
IN-OFFICE MAIL ADDRESS:
user
LEFT SIDE TO @ff.co.jp
12A
EX.: shiba.h-nakao (INPUT IN HALF-POINT CHARACTERS)
FORWARD DESTINATION (OFF-OFFICE) MAIL ADDRESS:
zzz@xxx.com
(INPUT IN HALF-POINT CHARACTERS)
-- EX xxx@nif.com
14A
SEND
CANCEL

FIG.5

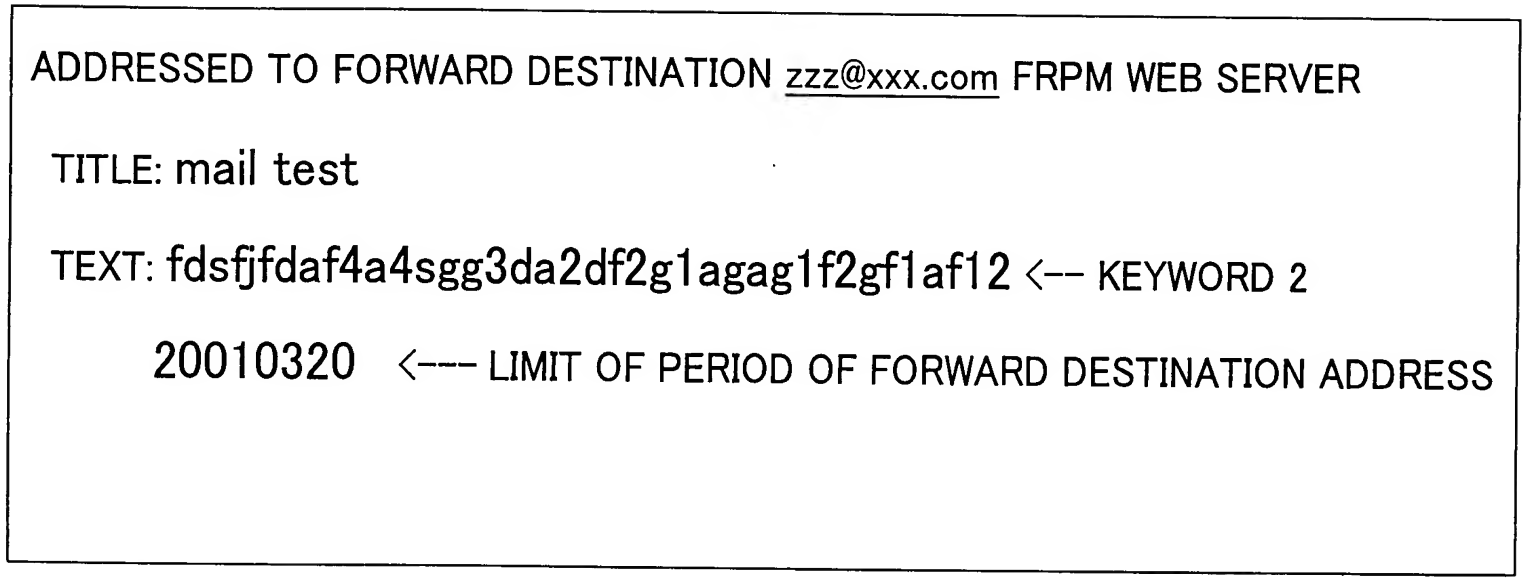

ADDRESSED TO FORWARD DESTINATION zzz@xxx.com FRPM WEB SERVER
TITLE: mail test
TEXT: fdsfjfdaf4a4sgg3da2df2g1agag1f2gf1af12 <-- KEYWORD 2
20010320 <--- LIMIT OF PERIOD OF FORWARD DESTINATION ADDRESS

FIG.6

ADDRESSED TO RECEIPT ADDRESS fwcheck@ff.co.jp OF RECEIPT MAIL SERVER FROM WEB SERVER

TITLE: forward check

SENDER: user@ff.co.jp

TEXT: forward check list

user@ff.co.jp <--- MAIL ADDRESS OF USER

zzz@xxx.com <--- MAIL ADDRESS OF FORWARD DESTINATION

fdsfjfdaf4a4sgg3da2df2g1agag1f2gf1af12 <--- KEYWORD 2

20010331 <--- EFFECTIVE PERIOD OF FORWARD DESTINATION ADDRESS

20010131 <--- REPLY EFFECTIVE PERIOD

FIG.7

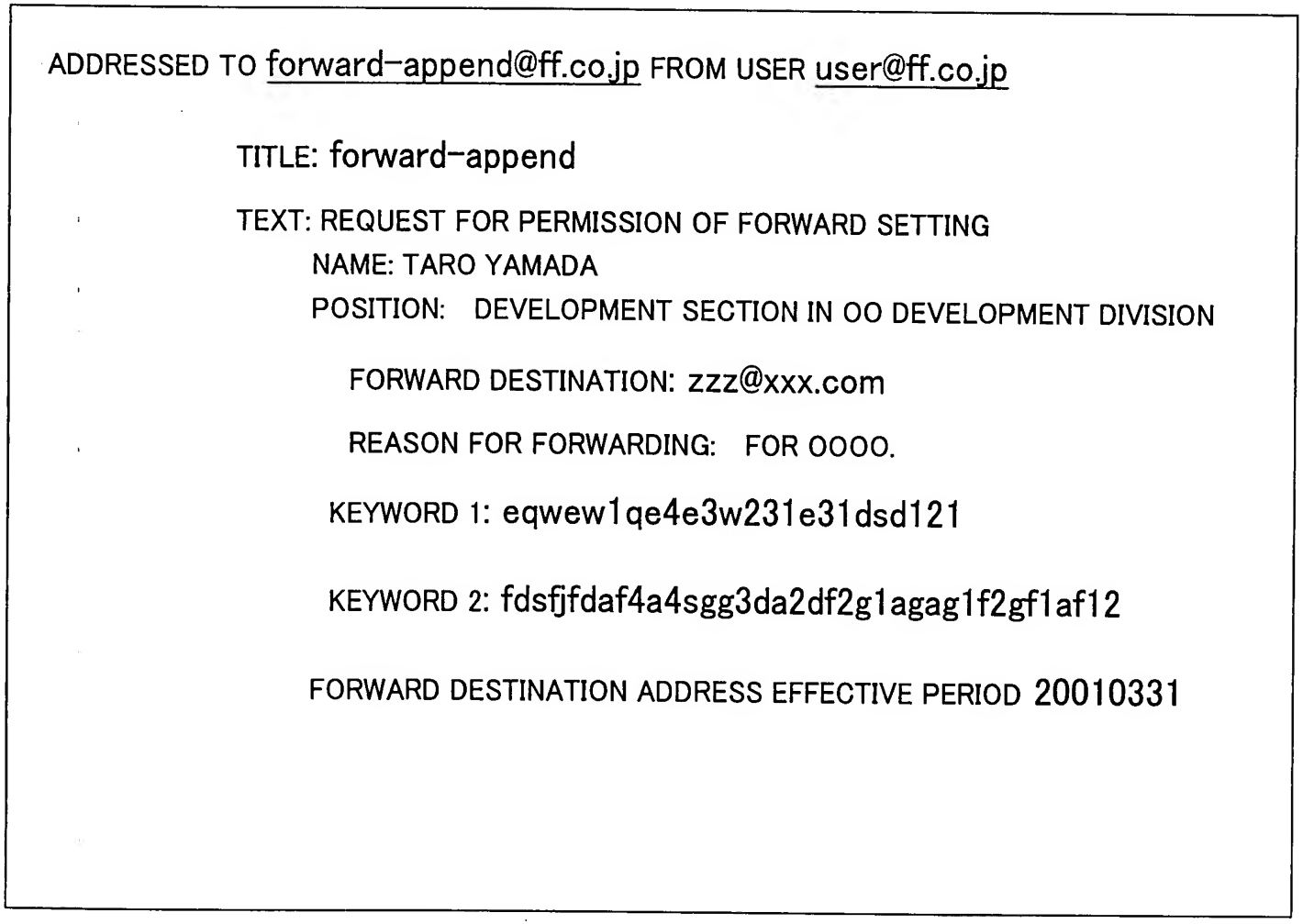

ADDRESSED TO forward-append@ff.co.jp FROM USER user@ff.co.jp
TITLE: forward-append
TEXT: REQUEST FOR PERMISSION OF FORWARD SETTING
NAME: TARO YAMADA
POSITION: DEVELOPMENT SECTION IN OO DEVELOPMENT DIVISION
FORWARD DESTINATION: zzz@xxx.com
REASON FOR FORWARDING: FOR OOOO.
KEYWORD 1: eqwew1qe4e3w231e31dsd121
KEYWORD 2: fdsfjfdaf4a4sgg3da2df2g1agag1f2gf1af12
FORWARD DESTINATION ADDRESS EFFECTIVE PERIOD 20010331

FIG.8

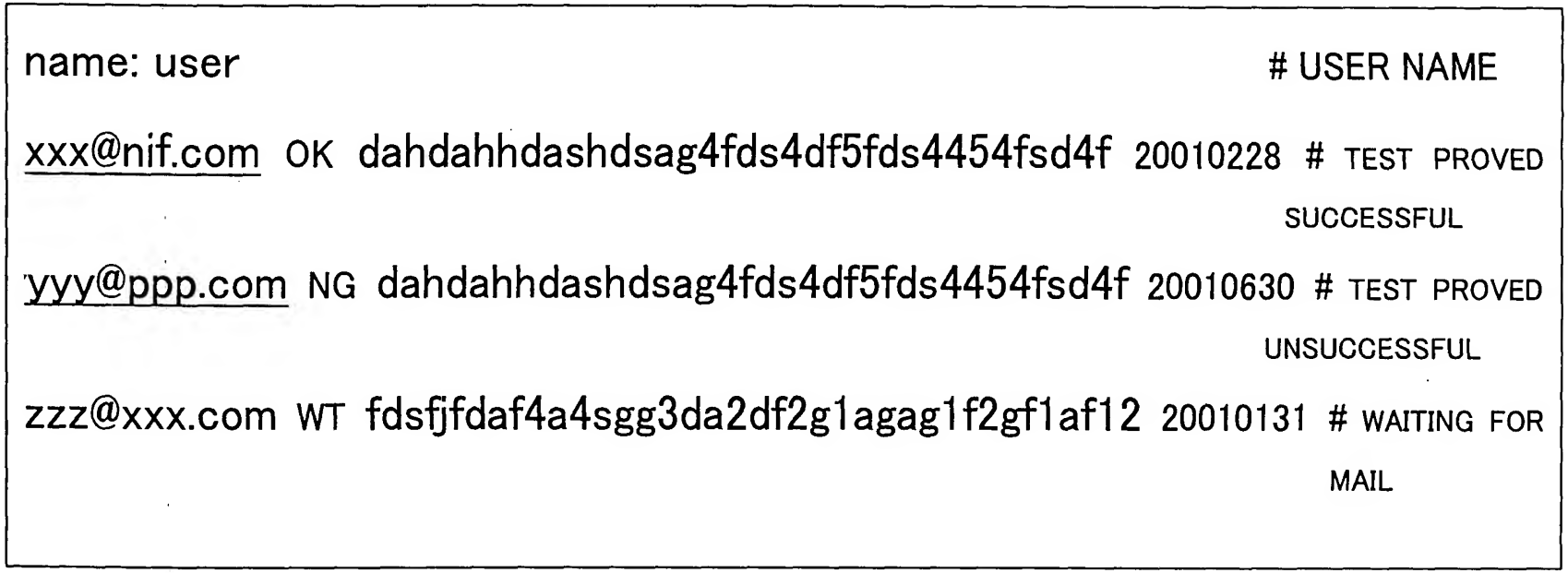

name: user # USER NAME
xxx@nif.com OK dahdahhdashdsag4fds4df5fds4454fsd4f 20010228 # TEST PROVED SUCCESSFUL
yyy@ppp.com NG dahdahhdashdsag4fds4df5fds4454fsd4f 20010630 # TEST PROVED UNSUCCESSFUL
zzz@xxx.com WT fdsfjfdaf4a4sgg3da2df2g1agag1f2gf1af12 20010131 # WAITING FOR MAIL

FIG.9

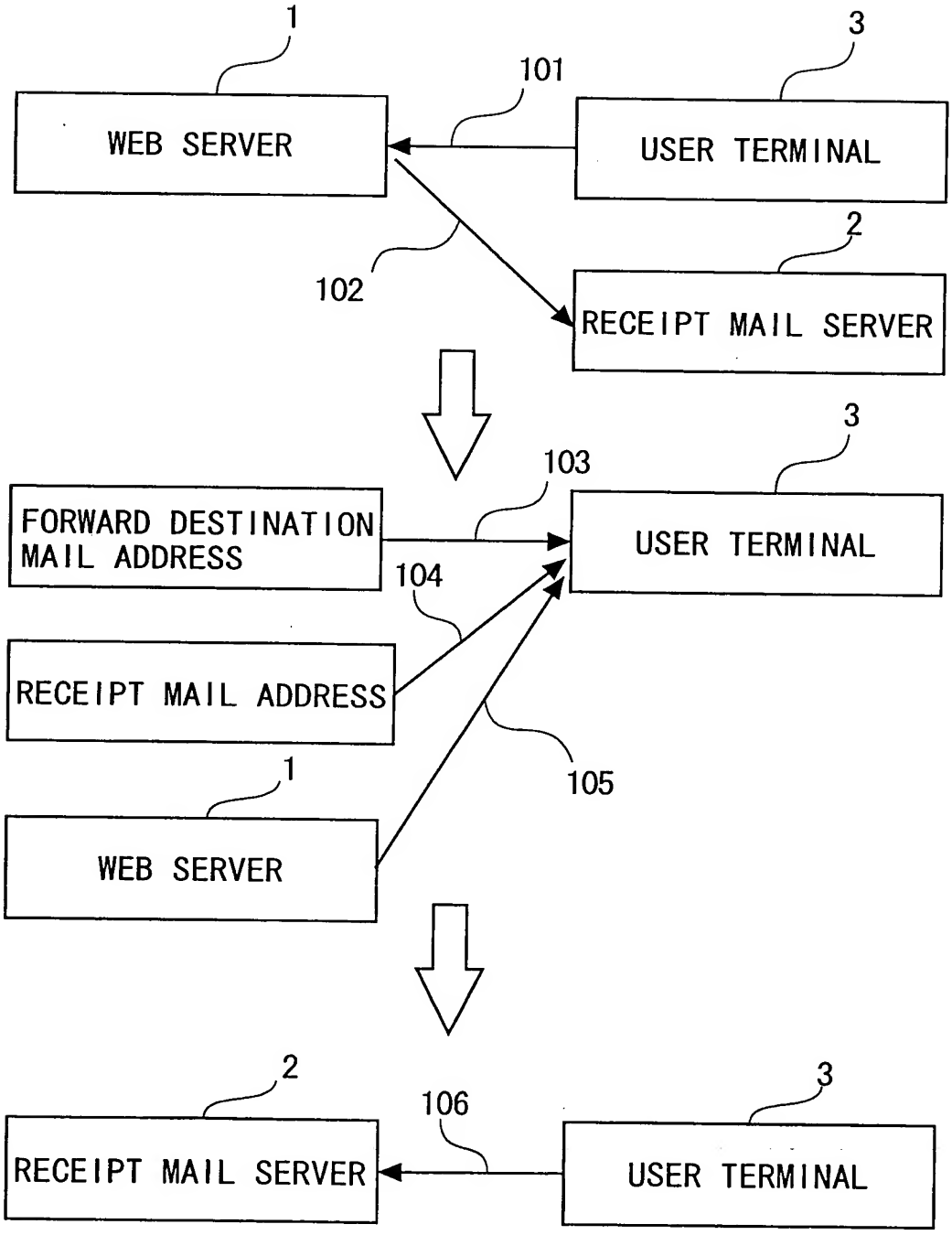

1
3
101
WEB SERVER
USER TERMINAL
2
102
RECEIPT MAIL SERVER
3
103
FORWARD DESTINATION MAIL ADDRESS
USER TERMINAL
104
RECEIPT MAIL ADDRESS
105
1
WEB SERVER
2
3
106
RECEIPT MAIL SERVER
USER TERMINAL

FIG.10

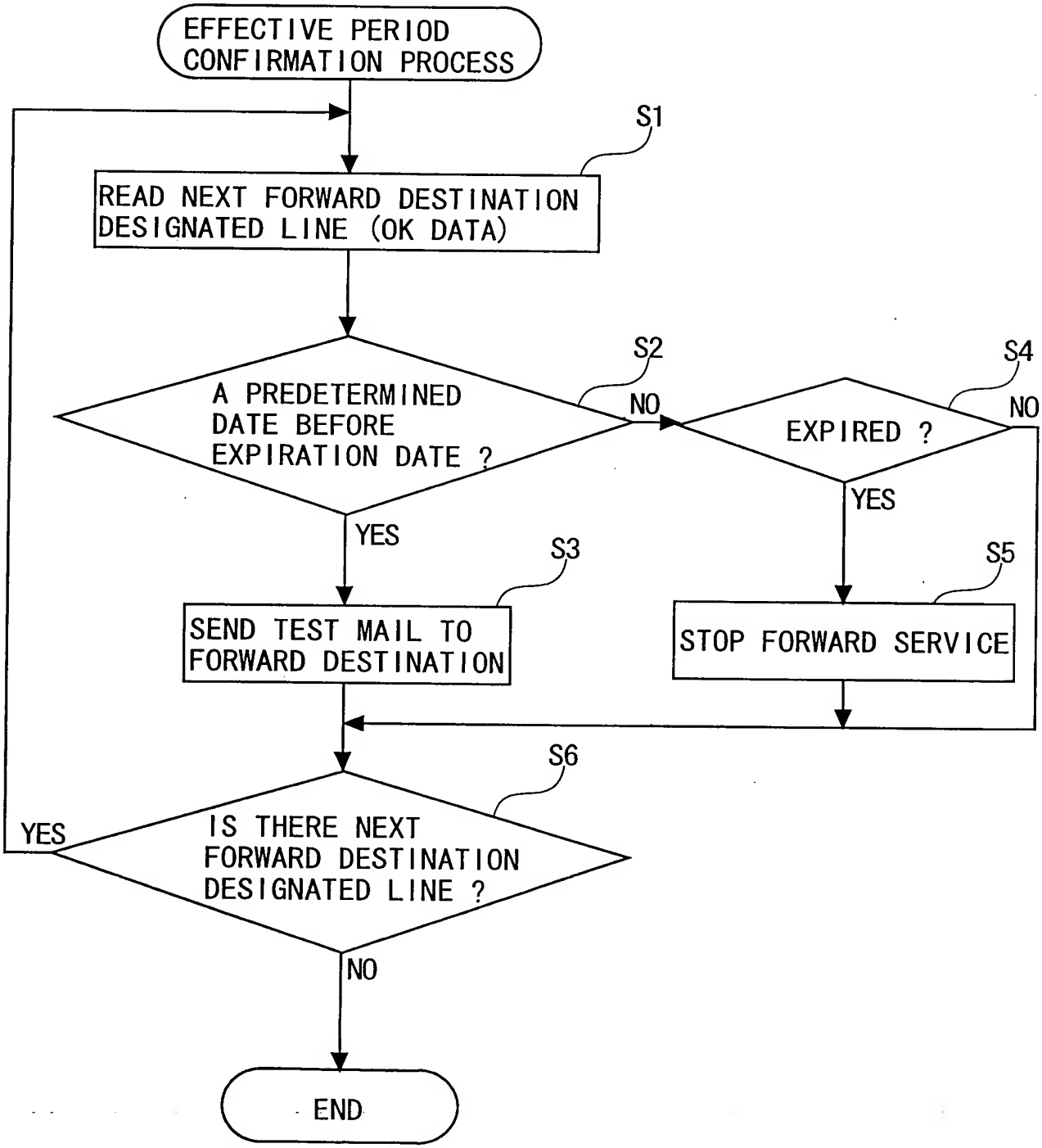

EFFECTIVE PERIOD CONFIRMATION PROCESS
S1
READ NEXT FORWARD DESTINATION DESIGNATED LINE (OK DATA)
S2
A PREDETERMINED DATE BEFORE EXPIRATION DATE ?
NO
S4
EXPIRED ?
NO
YES
YES
S3
SEND TEST MAIL TO FORWARD DESTINATION
S5
STOP FORWARD SERVICE
S6
YES
IS THERE NEXT FORWARD DESTINATION DESIGNATED LINE ?
NO
END

FIG. 11

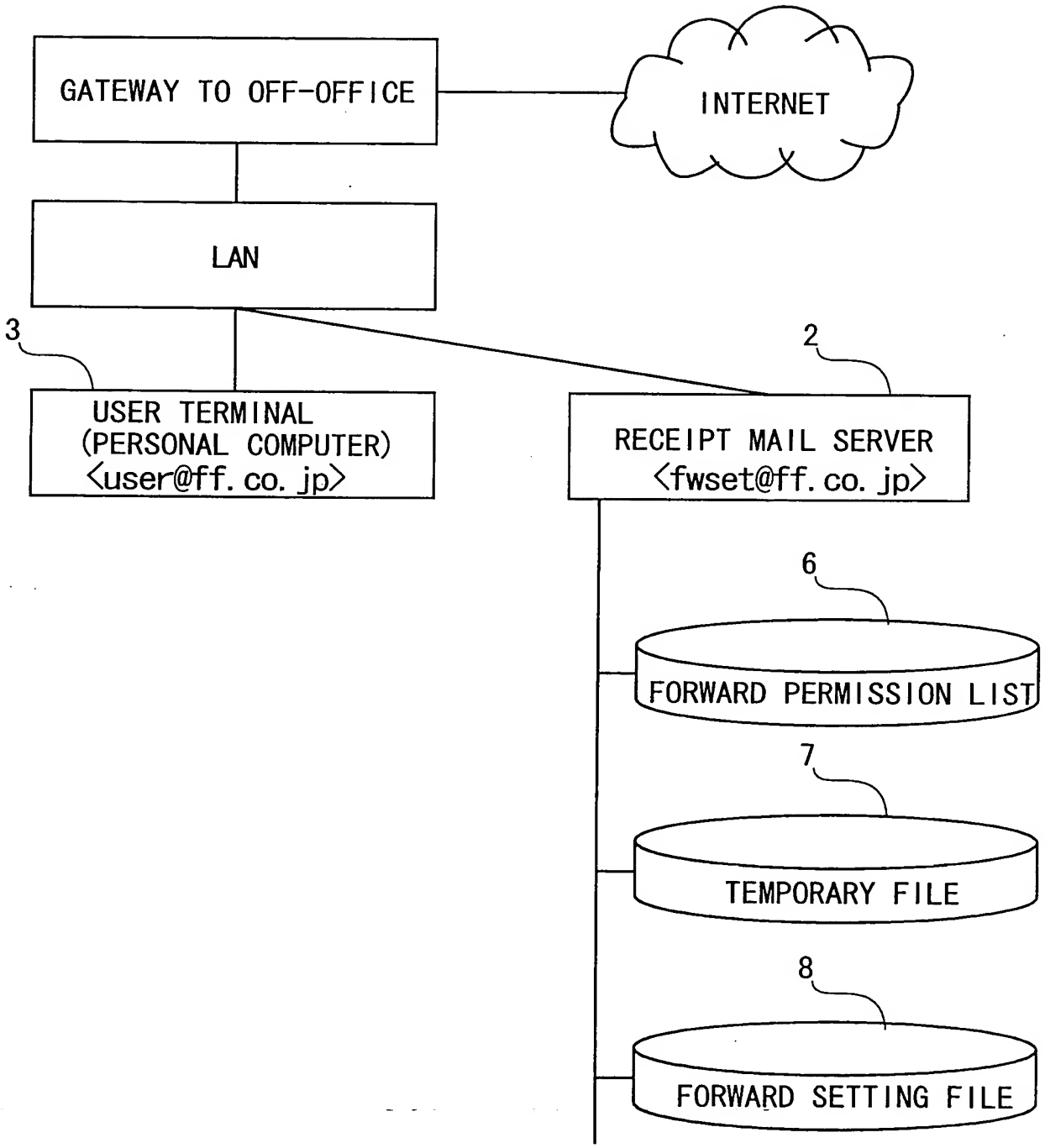

GATEWAY TO OFF-OFFICE
INTERNET
LAN
3
2
USER TERMINAL
(PERSONAL COMPUTER)
<user@ff.co.jp>
RECEIPT MAIL SERVER
<fwset@ff.co.jp>
6
FORWARD PERMISSION LIST
7
TEMPORARY FILE
8
FORWARD SETTING FILE

FIG. 12

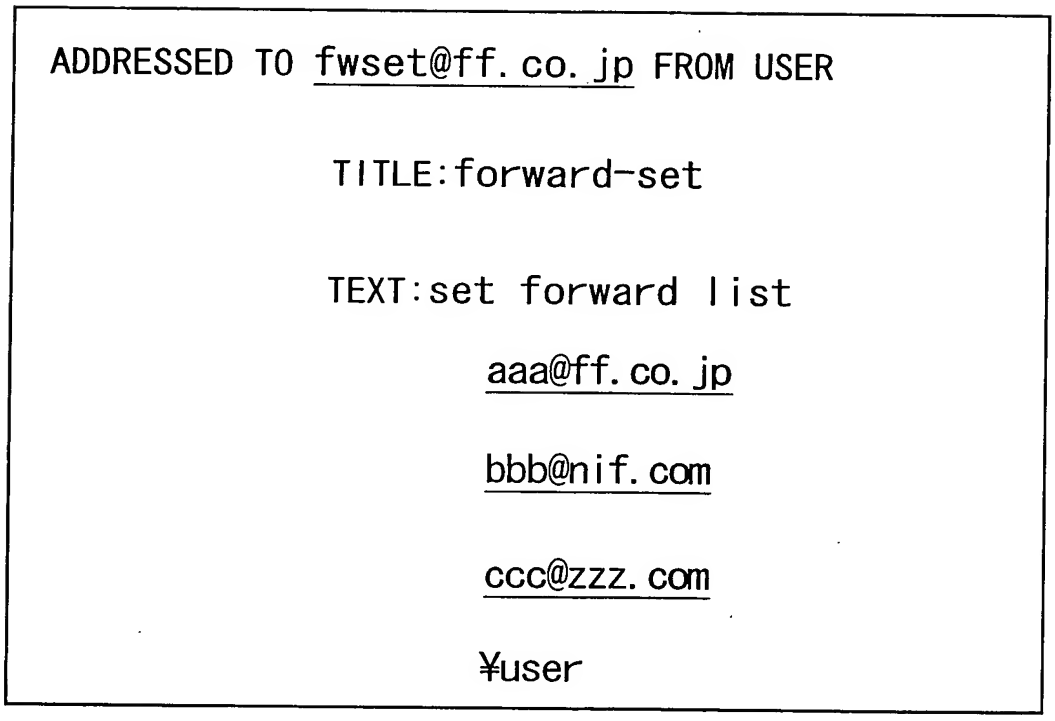

ADDRESSED TO fwset@ff.co.jp FROM USER
TITLE:forward-set
TEXT:set forward list
aaa@ff.co.jp
bbb@nif.com
ccc@zzz.com
¥user

FIG. 13

```
NAME : USER                    # USER NAME

*@ff.co.jp        -            # ALL IN-OFFICE ADDRESSED MAILS
                                 ARE PERMITTED.
                                 NO LIMIT OF PERIOD.

bbb@nif.com       PERMITTED TILL 20010630#2001/6/30

ccc@zzz.com       PERMITTED TILL 20010131#2001/1/31
```

FIG. 14

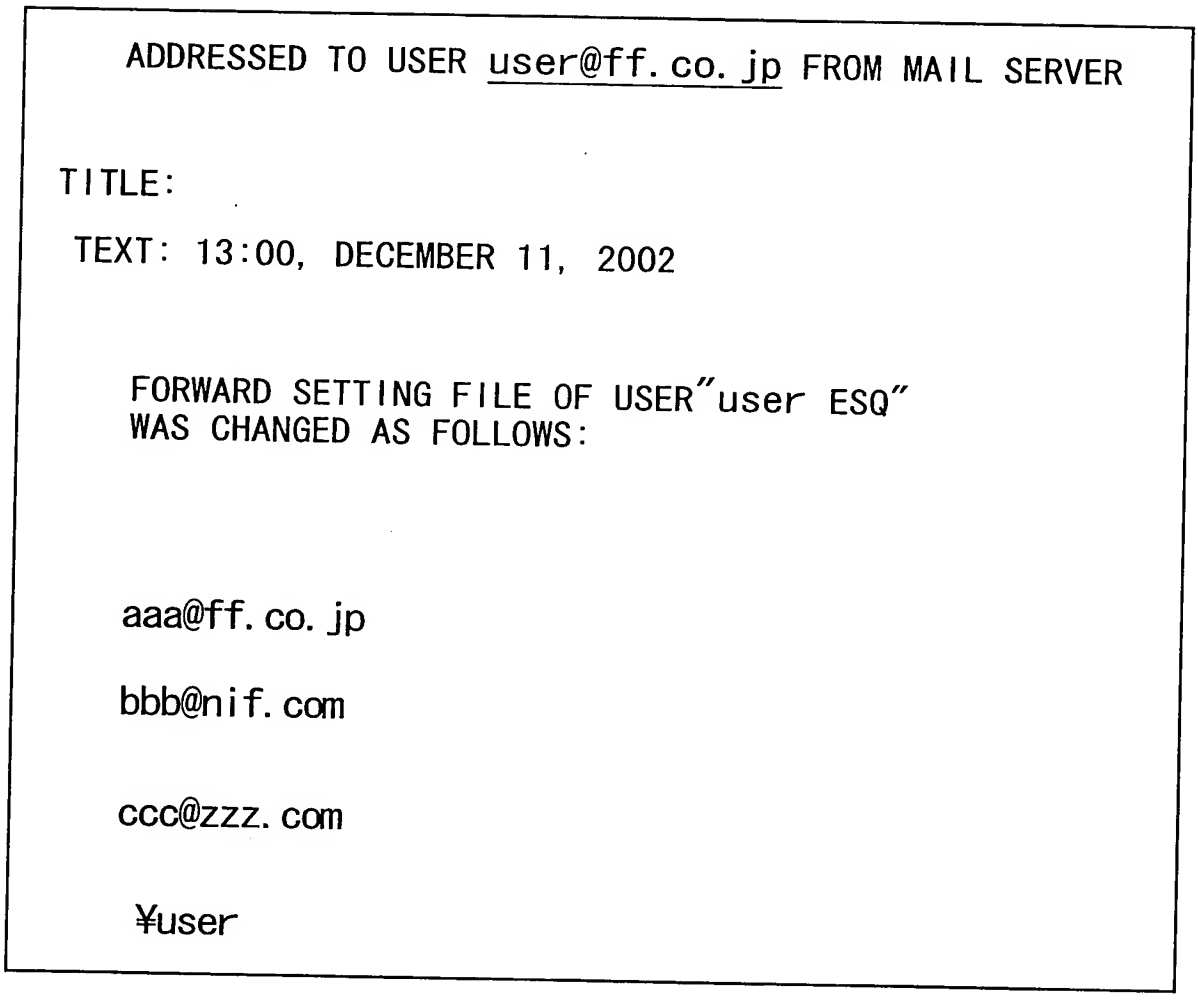

ADDRESSED TO USER user@ff.co.jp FROM MAIL SERVER
TITLE:
TEXT: 13:00, DECEMBER 11, 2002
FORWARD SETTING FILE OF USER"user ESQ"
WAS CHANGED AS FOLLOWS:
aaa@ff.co.jp
bbb@nif.com
ccc@zzz.com
¥user

FIG. 15

ADDRESSED TO fwget@ff.co.jp FROM USER "user"

TITLE:forward-set

TEXT:get-forward-list

user@ff.co.jp

FIG. 16

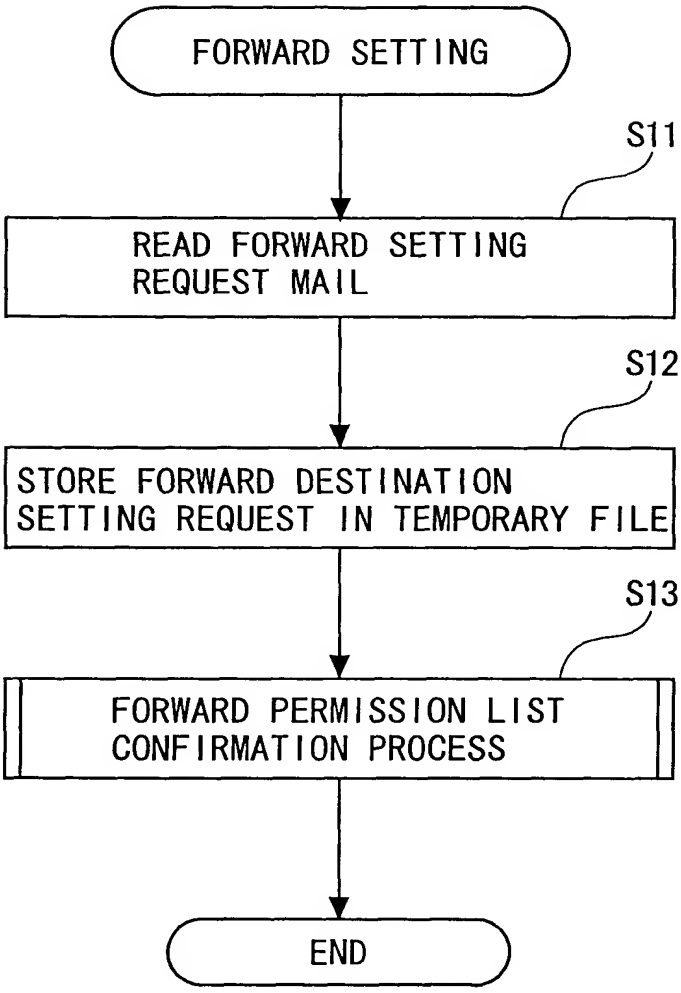
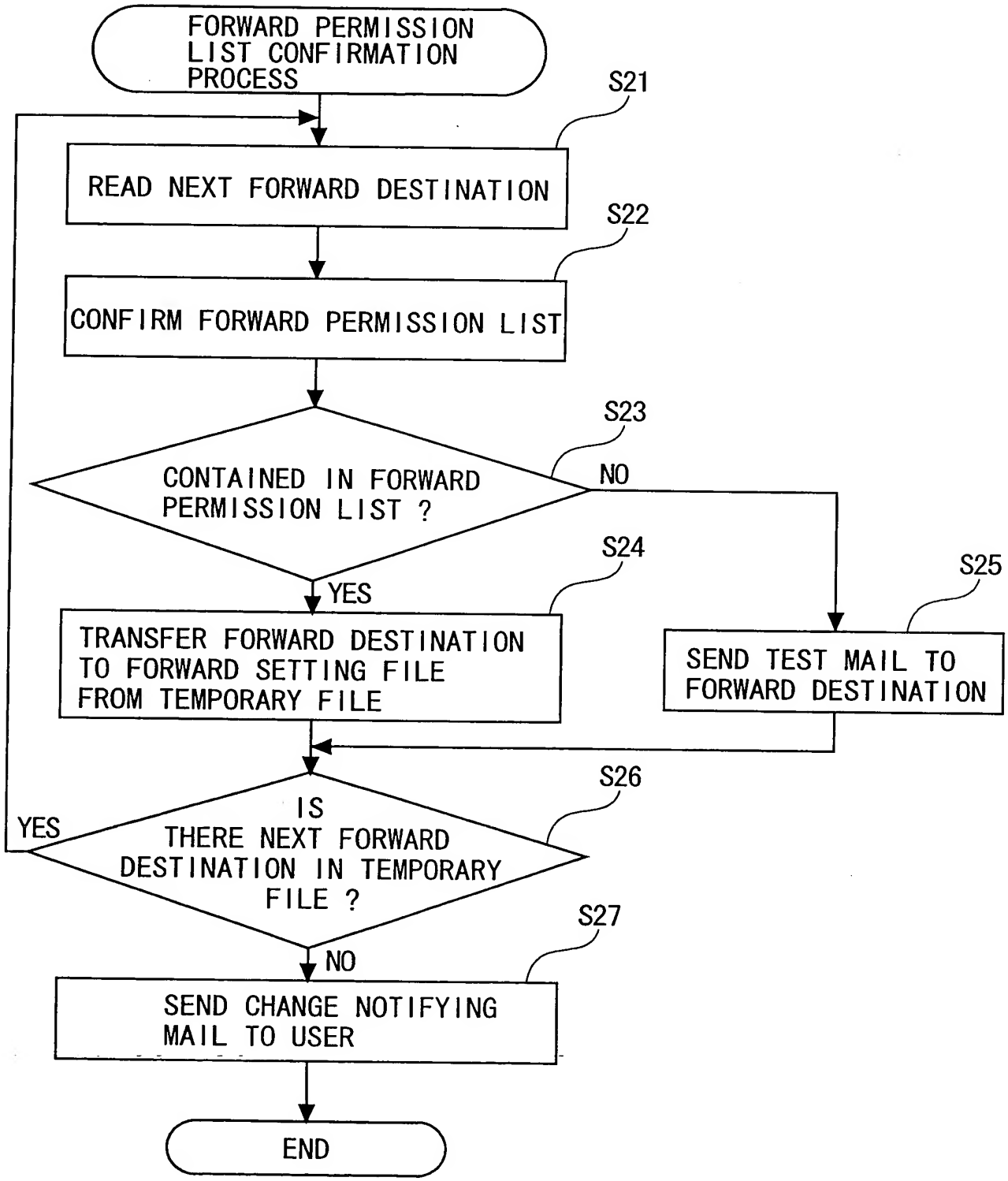

FORWARD SETTING
S11
READ FORWARD SETTING REQUEST MAIL
S12
STORE FORWARD DESTINATION SETTING REQUEST IN TEMPORARY FILE
S13
FORWARD PERMISSION LIST CONFIRMATION PROCESS
END

FIG. 17


FORWARD PERMISSION LIST CONFIRMATION PROCESS
S21
READ NEXT FORWARD DESTINATION
S22
CONFIRM FORWARD PERMISSION LIST
S23
CONTAINED IN FORWARD PERMISSION LIST ?
NO
YES
S24
TRANSFER FORWARD DESTINATION TO FORWARD SETTING FILE FROM TEMPORARY FILE
S25
SEND TEST MAIL TO FORWARD DESTINATION
S26
IS THERE NEXT FORWARD DESTINATION IN TEMPORARY FILE ?
YES
NO
S27
SEND CHANGE NOTIFYING MAIL TO USER
END